

that the estimated carrier is a wanted carrier power value at the frequency subcarrier and the timeslot of the data symbol to be channel estimated.

5. (Amended) Device (20) according to claim 3,

characterized in,

that if said filter to be selected is to be a frequency filter, said filter is further selected on the basis of a difference vector between frequency subcarriers adjacent to the frequency subcarrier of the data symbol to be channel estimated.

6. (Amended) Device (20) according to claim 3,

characterized in,

that if said filter to be selected is to be a time filter, said filter is further selected on the basis of a Doppler frequency of the estimated channel.

10. (Amended) Device according to claim 8,

characterized in,

that the estimated carrier is a wanted carrier power value at the frequency subcarrier and the timeslot of the data symbol to be channel estimated.

11. (Amended) Method according to claim 9,

characterized in,

that if said filter to be selected is a frequency filter, said filter is further selected on the basis of a difference vector between frequency subcarriers adjacent to the frequency subcarrier of the data symbol to be channel estimated.

12. (Amended) Method according to claim 9,

characterized in,